

ABSTRACT OF THE DISCLOSURE

A melting curve analysis is performed for a nucleic acid containing a mutation in a nucleotide sequence resulting in a mutation replacing tryptophan at position 64 in an amino acid sequence of the β 3-adrenergic receptor with arginine (B3AR Trp64Arg), by using a nucleic acid probe of which end is labeled with a fluorescent dye, and in which fluorescence of the fluorescent dye decreases upon hybridization, wherein the nucleic acid probe has a nucleotide sequence starting from the nucleotide number 183 in the nucleotide sequence of SEQ ID NO: 1 and having a length of 8 to 30 nucleotides, and the 5' end of the probe is labeled with the fluorescent dye, or the nucleic acid probe has a nucleotide sequence ending at the nucleotide number 196 in the nucleotide sequence of SEQ ID NO: 2 and having a length of 7 to 30 nucleotides, and the 3' end of the probe is labeled with the fluorescent dye, and measuring fluorescence of the fluorescent dye, and the mutation is detected on the basis of the result of the melting curve analysis.